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Description of DE1256001

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Automatic lubricant delivering lubricator The invention refers to automatic lubricant a delivering lubricator, provided with which in a dense sealed expandable body an apparatus settable to any time on is to the development of gas, so that itself in the expandable body Pressure constructs, by which it expands daily by a ge wisses measure and over one lubricate material channel lubricant from the lubricator of a lubrication fitting supplies.

With the known lubricators of this type, either with chemical reaction means or also Compressed air, Pressgas or gas-developing cartridges works, is as uniform a one as possible lubricates material delivery over a longer period hardly or not at all to reach.

Object of the invention is it therefore, one smears up can of the Initially mentioned type create, those over a longer period a if possible same moderate Lubricant delivery ensured, independent of the respective Backpressure at the location which can be lubricated.

This object becomes according to invention by it ge solves that the apparatus consists to the gas evolution of a galvanic element, its positive electrode with the negative electrode currentconductive, connected is and both by a screw from one of that Electrolyte liquid in the expandable body closed space into these are bringable. By the use of a galvanic element with currentconductive connected with one another electrical as gas-producing apparatus one becomes over several months continuous, to a large extent same moderate gas evolution achieved, which holds so long on, until the negative electrode is spent.

▲ top In the drawing are Provided, F i G. shows embodiments. 1 an automatic Lubricant donating lubricator, partly in the section, F i G. 2 into a lubricator an insertable Lubricant packing with expandable body, part points in the section, F i G. 3 one apart-screwable lubricate can for the receptacle that Lubricant packing after F i G. 2 the automatic lubricant donating lubricate can consists of that Lubricant container 1, which with a thread beginning< B> 3< /B> is provided, so that it into a corresponding Threaded bore at the respective lubrication fitting to be screwed in can. In Lubricant container 1 is an expandable body< B> 4, with an electrolyte liquid 15< /B> filled is. The expandable bodies< B> 4< /B> is by one End cap 5, those with their äusse ren edge 6 the bottom outer edge expand cash body< B> 4< /B>, held seizes. The outside of the expandable body is because of the inside wound 7 of the lubricator on, whereby one work same seal achieved becomes. At the inside that End cap 5< /B> an approach B< is> 8< /B> with one zylindri schen Bore 9 arranged, into whom from the outside a screw< B> 10< /B> is sinschraubbar. In this zylin drischen Bore 9< /B> is resting against the screw a sealing disc< B> 11. Between this and an other sealing disc< B> 13< /B> a negative electrode B< is> 12< /B> and a positive electrode< B> 14< /B> a closed. The positive electrode< B> 14< /B> is in the center of the negative electrode< B> 12< /B> so arranged that only the two ends something. The poetry tive electrode< B> 14< /B> is with the negative electrode< B> 12< /B> metallic connected. The negative electrode< B> 12< /B> is S-förmig bent, thus in each layer at the free ends of the positive electrode< B> 14< /B> Gas evolution to take place can.

The impact is as follows: If lubricate can in operation brought to become is, the screw B< becomes> 10< /B> screwed in, whereby the two electrodes< B> 12< /B> and< B> 14< /B> into those Electrolyte liquid ge-will push. The inner sealing disc B 11 /B located< beside>< the screw> becomes thereby pushed and close those forward cylindrical bore< B> 9< /B> against those Electrolyte liquid off (F i G. 2). By an other seal 16 arranged on the screw the seal becomes that End cap 5 improves. In F i G. 2 is one Lubricant packing for very viscous lubricant shown, in out in other-screwable lubricators, like in F i G. 3 shown, is more insertable. In this lubricant packing is in F i G. 1 apparatus shown to the gas evolution arranged. The impact is the same as in F i G. 1. In F i G. however the screw 10 is screwed 2 in, the outside sealing disc 13 and the electrodes 12 and 14 is in that Electrolyte liquid in the expandable body< B> 4. Thus the gas production becomes on set, and the expandable Body 4 begins itself auszi--deh: 2en. If the expansion procedure is terminated, takes the expandable bodies after flow one correspond the effect time the entire interior of the lubricator. After flow of this time the lubricator becomes and/or. those Lubricant packing by a new replaced.

Around larger Amounts of lubricant deliver too kön nen, need only the approach 8 and the cylindrical Bore 9 corresponding prolonged formed to who that, several thus two or Electrode pairs more tereinander in the cylindrical Bore with there between-located sealing discs 11 and 13 a brought to become to be able. With a short screw then z can. B. Electrode pair, with a prolonged ren screw two Electrode pairs into the electrolyte liquid brought become. Several approaches 8 in that can do in addition, End cap beside in other arranged becomes, how. In each cylindrical bore Electrode pair Included and by pivoting the respective screw< B> 10< /B> into those Electrolyte liquid brought will can.



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Claims of DE1256001

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Claims: 1. Automatic lubricant delivering lubricate can, with which in a dense sealed expandable body an apparatus settable to any time on is to the Ent coil of gas provided, so that itself in the expandable body Pressure constructs, by which it itself daily around a certain measure out stretches and thus over one Lubricant channel Lubricant from the lubricator of one lubricate place supplies, characterised in that the apparatus to the gas evolution of a galvanic element consists, its poetry tive electrode< B> (14)< /B> with the negative electrode (12) currentconductive connected is and the two electrodes by a screw< B> (10)< /B> from one of that Electrolyte liquid (15)< /B> in expand cash body< B> (4)< /B> closed space< B> (9)< /B> into these are bringable. 2. Lubricator after Claim 1, characterised in that of that Electrolyte liquid keit (15) closed space from one in that End cap (5)< /B> arranged Bore (9)< /B> stands, in which the currentconductive connected with one another electrodes< B> (12, 14)< /B> between sliding sealing discs< B> (11, 13)< /B> eingeschlos sen and sealed are, whereby those expresses dense one disk< B> (11)< /B> by the screw< B> (10)< /B> subjecting is cash and after that-shove out the electrodes into those Electrolyte liquid as well as a seal (16), arranged at the screw, the lubricator outward seals. 3. Lubricator after the claims 1 and 2, characterised in that in that cap (5) an extended approach (8) with more extended more cylindrical Bore (9) to the receptacle mehre more rer one behind the other with intermediate dense ones disks (11,13) arranged Electrode pairs (12,14) provided is. In consideration pulled Documents: German patent specification No. 343 551; Magazine machine market, No. 34, of 26. 4. 1963, S. 10.

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